The Files: Contract 717, T. C. 1

30 July 1962

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Trip Report - Development of the BF-12 Playback Unit and CA-12 Tape Cartridge

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1. Project Description:

The BF-12 is a three speed, magnetic playback unit designed to be used in conjunction with the AS-3 base Station Receiving equipment. The BF-12 will play back a message previously recorded on a CA-12 Tape Cartridge at speeds of 0.5, 1.0, and 2.0 ips (10, 20, or 40 wps, respectively). Fast forward and rewind functions are provided at approximately 25 ips. The playback unit is capable of stereo operation to provide a method of utilizing diversity reception. In addition, each channel may be munitored separately by using an internal speaker. The BF-12 will operate from 115/220 VAC, 50/60 cps, is designed for desk mounting and weighs approximately 15 lbs.

The CA-12 is a real-to-reel, magnetic tape cartridge designed specifically for use with the BP-12 playback unit, but will operate satisfactorily with any recorder capable of using the Fidelipae cartridge. The CA-12 operates at 15 ips in a rack mounted recorder to record a medium speed 300 wpm transmission. Then, playing the CA-12 on the BP-12 will give an operator the capability of listening to the previously recorded message at selectable speeds of 10, 20, or 40 wpm. When used with the BF-12, the CA-12 is rewindable. The size of the CA-12 is approximately 7" x 5" x 7/8" and it weighs approximately 12 ounces.

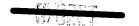
2. Contractual Information:

- a. Initial Cost: \$26,512.00
- b. Initiation Date: 26 June 1962
- c. Completion Date: 30 November 1962
- d. Deliverable Items: 6 each Tape Playback Protetype
 - 15 each Tape Cartridge Prototype
 - 15 copies Operating Instructions and Maintenance Namuals
 - 1 set plus 1 set Reproducible Engineering
 Drawings
 - 5 copies Monthly Progress Report
 - 5 copies Final Engineering Report



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3•	Date of Meeting: 25 July 1962
25X1A	Flace of Meeting:
5•	Persons Attending: Asency Non-Agency
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5.	Contractor's Performance:
	a. On Schedule and expected to remain so: Yes b. Within Chligated Funds and expected to remain so: Yes c. Satisfactory Technical Progress: Yes
7.	Project Status:
	Parts have been ordered for this project; however, there is nothing significant to report at this time.
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	Distribution: R+D Subject File Inspection Branch/OL/FD R+D Lab OC-F Monthly (2) EP Chrono
1	OC-E/R+D-EP:PJF:mlf (30 July 1962)